

KUKKO // Pull forward

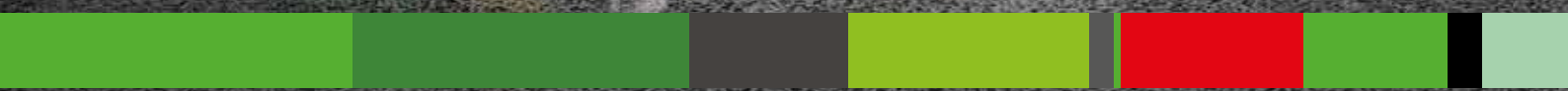


HYDRAULIC

With power and precision



 KUKKO.COM



HYDRAULIK

100 PERCENT STRENGTH

The robust hydraulic pullers from KUKKO are able to solve extreme pulling problems and thereby considerably increase efficiency.

The infinitely adjustable hydraulic strength makes it possible to work safely and in a controlled manner, using the full performance potential of the puller.

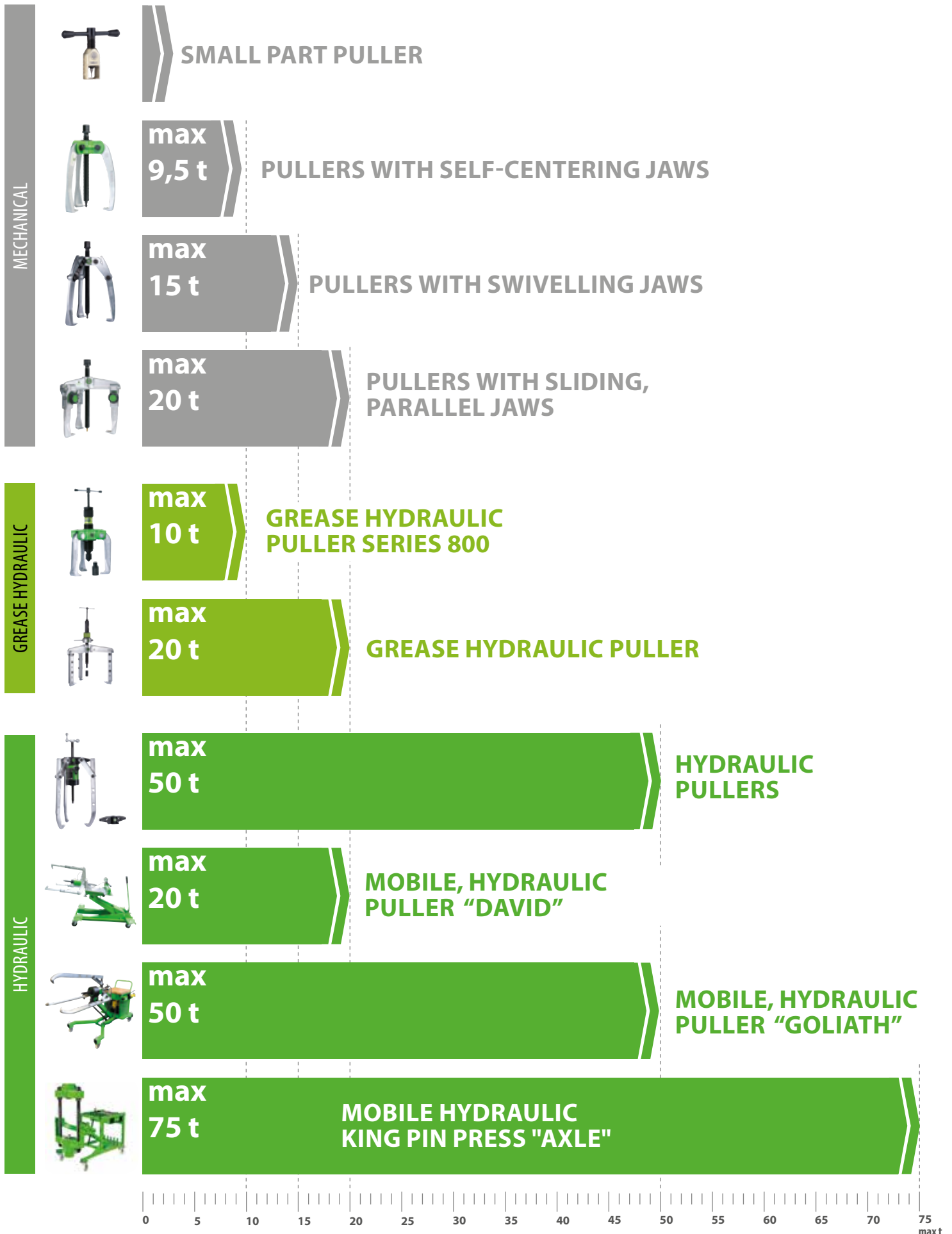
Hydraulic systems make hard physical work easier while also reducing downtime due to repairs and machine breakdowns.

Take advantage of our expertise and profit from our products and solutions.

KUKKO // *Pull forward*



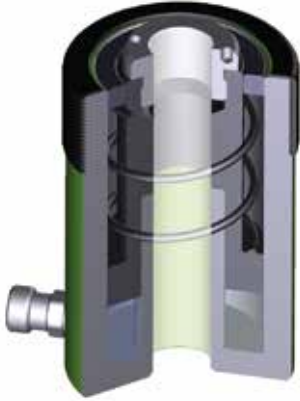
CAPACITY | Power of KUKKO pullers



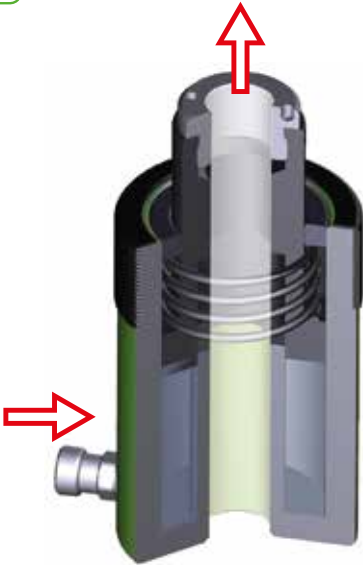
KUKKO HYDRAULIC HOLLOW RAMS

These hollow rams can be used both for pressing and for pulling.

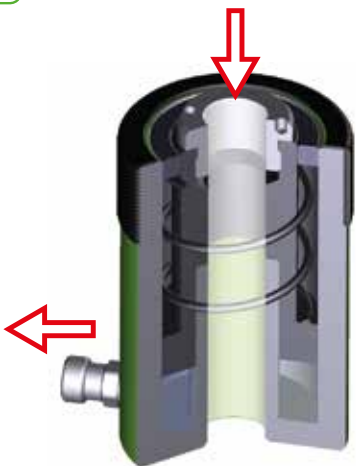
1 non-operating state



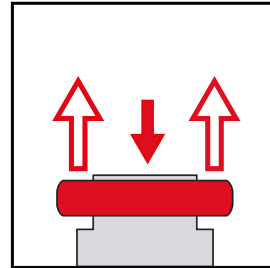
2 working process



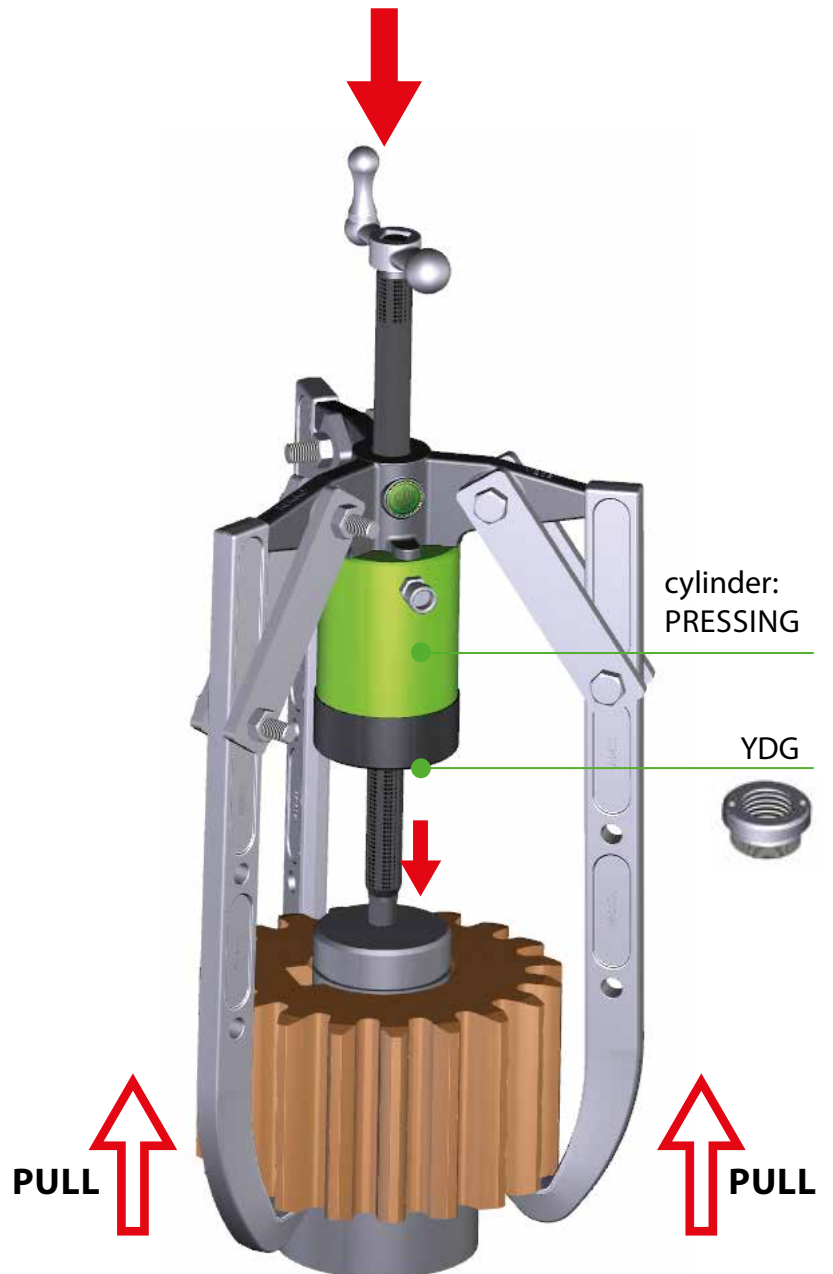
3 spring return



WITH 2- AND 3-JAW PULLERS

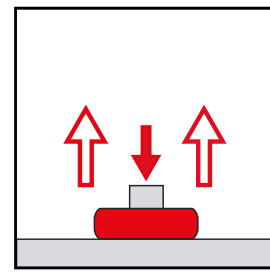
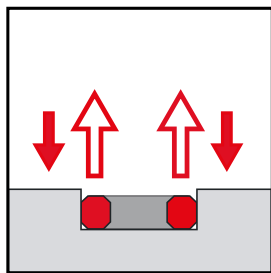


PRESS

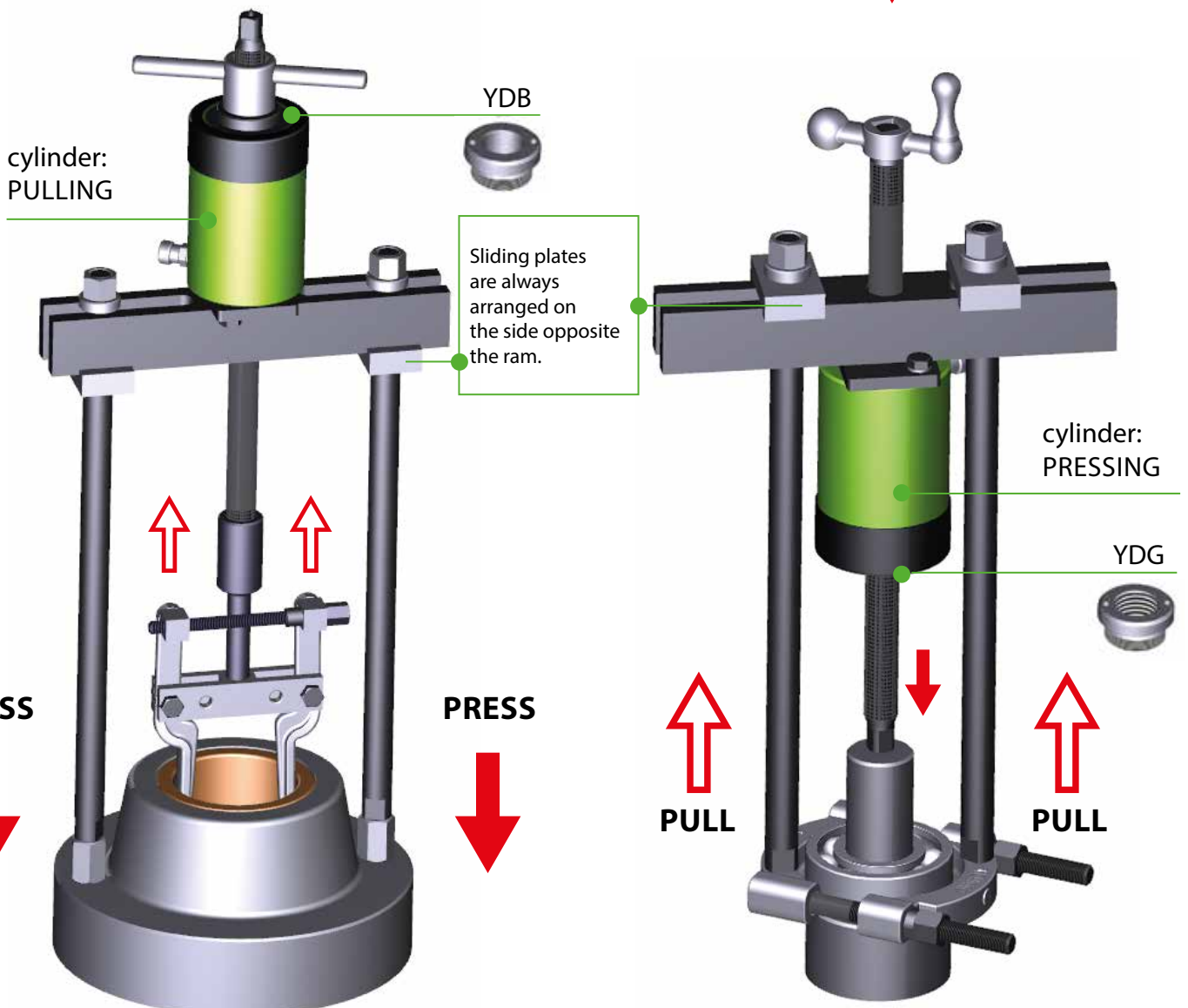


The pressure pads (see page 42) can be placed into the female thread of the piston rod. The center spindle can be placed directly in the threaded pressure pad or, if a plain hole pad is used, fastened and adjusted with the quick-adjusting nut. If a closed, serrated pressure pad is used, the cylinder can be used as a hydraulic jack.

WITH PUSH/PULLING DEVICE: INTERNAL AND SEPARATING




PRESS



LOAD - HYDRAULIC CYLINDERS & PULLERS

Hydraulic KUKKO pullers with maximum permissible load:

potential pulling force t				
	YRE-050 max. 5 t	YRE-101 max. 10 t	YRE-106 max. 10 t	YRE-701 max. 75 t
	bar	bar	bar	bar
2,5	314	140	140	22
5,0	(4,5t) 625	280	280	43
7,5	-	421	421	65
10,0	-	561	561	86
15,0	-	-	-	130
20,0	-	-	-	173
25,0	-	-	-	217
30,0	-	-	-	260
35,0	-	-	-	304
40,0	-	-	-	347
45,0	-	-	-	390
50,0	-	-	-	434
55,0	-	-	-	477
60,0	-	-	-	520
65,0	-	-	-	564
70,0	-	-	-	607
75,0	-	-	-	650

 Y08-208 max. 4,5 t 625 bar	 Y18-208 max. 10 t 561 bar	Only available separately	 YHU-S-AP-255 max. 75 t 650 bar
			 Y-AP-75 max. 75 t 650 bar



1. Select the required puller
2. Follow the table column upwards
3. Refer to the table for the number of tonnes (t) and the corresponding pressure capacity (bar).



YRH-132 max. 13 t	YRH-202 max. 20 t	YRH-206 max. 20 t	YRH-302 max. 30 t	YRH-603 max. 50 t	YSM-100 max. 10 t	YSM-200 max. 20 t
bar	bar	bar	bar	bar	bar	bar
107	65	65	51	24	148	78
213	131	131	102	49	297	157
320	197	196	154	74	445	236
427	262	262	205	99	594	314
(13 t) 555	394	393	308	149	–	472
–	525	524	411	199	–	629
–	–	–	514	249	–	–
–	–	–	617	299	–	–
–	–	–	–	348	–	–
–	–	–	–	398	–	–
–	–	–	–	448	–	–
–	–	–	–	498	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–
–	–	–	–	–	–	–

Only available separately	<p>Y28-180 max. 15 t 394 bar</p>	Only available separately	<p>Y38-180 max. 25 t 514 bar</p>	<p>Y58-180 max. 35t 348 bar</p>	<p>129-5-45-H10 max. 10 t 594 bar</p>	<p>129-5-45-H20 max. 20 t 629 bar</p>
	<p>Y28-205 max. 15 t 394 bar</p>		<p>Y38-205 max. 25 t 514 bar</p>	<p>Y58-205 max. 45 t 448 bar</p>	<p>129-36-H max. 10 t 594 bar</p>	
	<p>Y28-206 max. 20 t 525 bar</p>		<p>Y38-206 max. 30 t 617 bar</p>	<p>Y58-206 max. 50t 498 bar</p>		
			<p>Y-60-100 max. 30 t 617 bar</p>			

HYDRAULIC HOLLOW RAMS

For use with the KUKKO hydraulics range.

YRH
HY



YRH-202

DESCRIPTION

- Use as pull- and pressure cylinder.
- Single-acting with spring return.
- Complete with threaded pressure piece.
- Manufactured from high-strength, alloyed steel.
- All models have a CR-400 coupler and dust cap.

ADVANTAGE




- External threads on cylinder head, piston-rod internal threads and mounting threads on the cylinder bottom enable easy assembly (applies to most models).
- Preloaded return spring increases the entry speed and thus improves performance.
- The integrated wiper removes impurities on the piston and extends the service life of the cylinder.



PRODUCT INFORMATION

pressure pads available - see page 42



Art.-No.		 mm	bar t	max. bar	mit with	 kg
YRH-132	-854460	8	555 13	700	-	1.60
YRH-202	-046711	50	525 20	700	YDG-20-E	7.57
YRH-206	-870934	150	524 20	700	YDG-20-E	14.18
YRH-302	-046896	63	617 30	700	YDG-30-E	10.70
YRH-603	-046971	75	498 50	700	YDG-50-E	30.00

HYDRAULIC CYLINDER RAMS WITH COLLAR THREADS

Developed for use in all situations

YRE
HY



YRE-050





DESCRIPTION

- Long stroke models.
- Single-acting with spring return.
- Manufactured from high-strength, alloyed steel.
- All models have a CR-400 coupler and dust cap.

ADVANTAGE

- Developed for use in all situations.
- External threads on cylinder head, piston-rod internal threads and mounting threads on the cylinder bottom enable easy assembly (applies to most models).
- Preloaded return spring increases the entry speed and thus improves performance.
- The integrated wiper removes impurities on the piston and extends the service life of the cylinder.



Art.-No.		 mm	bar t	 mm	max. bar	 kg
YRE-050	-046551	1.1/2"-16 UN	625 4,5	125	700	2.20
YRE-101	-870927	2.1/4"-14 UNS	561 10	250	700	6.40
YRE-106	-879401	2.1/4"-14 UNS	561 10	155	700	6.51
YRE-701	-021251	5.3/4"-12 UN	650 75	155	700	29.70

LIFT CYLINDER

For use where other cylinders are too big.

YSM
HY



YSM-100









DESCRIPTION

- Pistons made of hard chrome high quality steel.
- All models have a CR-400 coupler and dust cap.

ADVANTAGE

- Mounting holes make assembly easy.
- Grooved piston ends mean pressure pads are not needed.
- Preloaded return spring increases the entry speed and thus improves performance.
- The integrated wiper removes impurities on the piston and extends the service life of the cylinder.



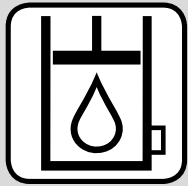
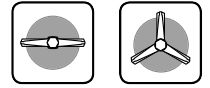
Art.-No.		 mm	 bar t	 bar	 mm	 mm	 mm	 kg
YSM-100	-101007	12	594 10	700	82	55	43	1.73
YSM-200	-102004	11	629 20	700	101	76	51	2.79

KUKKO'S PRODUCT LABELING - NEXT LEVEL

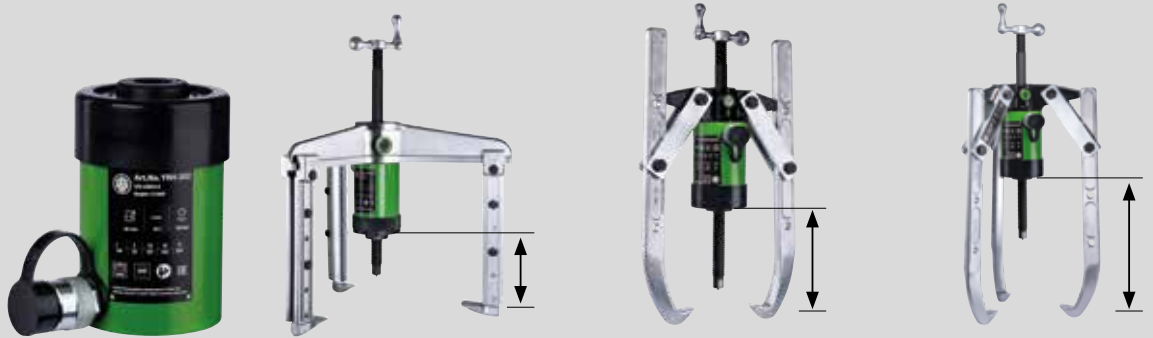


* Every KUKKO hydraulic puller with pump drive comes with a certificate with serial number. Use this serial number to register your product at: kukko.com/en/service/product-registration/

HYDRAULIC HOLLOW RAMS WITH 2- AND 3-JAW PULLERS



max.
20 t



Art.-No.	max. t
YRH-202	20

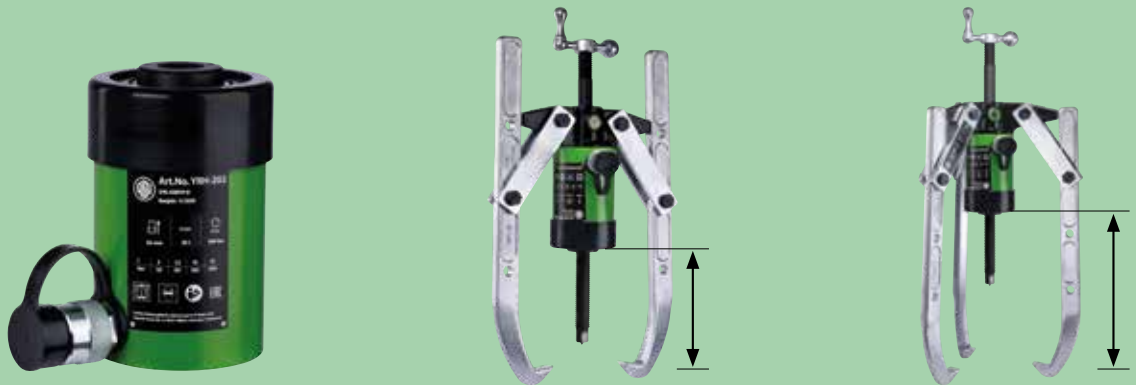
Art.-No.	mm	mm	max. t
Y28-11-1	520	140-340	20
Y28-11-2	650	140-340	20

Art.-No.	mm	mm	max. t
Y28-205	280-420	300	20
Y28-215	280-420	300-600	20

Art.-No.	mm	mm	max. t
Y28-206	280-500	300	20
Y28-216	280-420	300-600	20



max.
30 t



Art.-No.	max. t
YRH-302	30

Art.-No.	mm	mm	max. t
Y38-205	330 - 700	520	30

Art.-No.	mm	mm	max. t
Y38-206	330 - 900	520	30



max.
50 t



Art.-No.	max. t
YRH-603	50

Art.-No.	mm	mm	max. t
Y58-205	460 - 1000	700	50
Y58-215	460 - 1000	1200	50

Art.-No.	mm	mm	max. t
Y58-206	460 - 1200	700	50
Y58-216	460 - 1200	1200	50

HYDRAULIC HOLLOW RAMS WITH PULLING DEVICE: INTERNAL AND EXTERNAL



Art.-No.				max. t
	mm	mm	mm	
Y28-180	135-300	470	300	15

Art.-No.		max. t
	mm	
Y-221-E	30-180	10

Art.-No.		max. t
	mm	
Y-215-2	22-115	15
Y-215-3	25-155	15
Y-215-4	30-200	15

Art.-No.		L
		mm
Y218-12		115
Y218-06		240
Y218-07		420
Y218-08		570



Art.-No.				max. t
	mm	mm	mm	
Y38-180	180-420	520	330	25

Art.-No.		max. t
	mm	
Y-321-E	75-230	20

Art.-No.		max. t
	mm	
Y-315-4	22-115	20
Y-315-5	25-155	20

Art.-No.		L
		mm
Y318-36		205
Y318-37		460
Y318-38		710



Art.-No.				max. t
	mm	mm	mm	
Y58-180	235-540	660	400	35

Art.-No.		max. t
	mm	
Y-521-E	75-230	20

Art.-No.		max. t
	mm	
Y-515-5	22-115	30
Y-515-6	25-155	30
Y-515-7	80-420	30

Art.-No.		L
		mm
Y518-07		610
Y518-08		865

HYDRAULIC 2-JAW PULLER WITH SWIVELING JAWS, WITH HYDRAULIC HOLLOW RAM FOR PUMP DRIVE

Y-205
HY

For removing particularly large and tight bearings, gears, discs, etc.



Y28-205

DESCRIPTION

- Hydraulic hollow ram.
- 2-jaw puller.
- Swivelling puller jaws.


ADVANTAGE






- Universal application thanks to adjustable depths.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



PRODUCT INFORMATION

These pullers can also be used alternatively with the following separating devices:

Art.-No.		max. t
Y28-205	Y-215-3	15
Y38-205	Y-315-5	20
Y58-205	Y-515-6; Y-515-7	30




Art.-No.				max. bar		mit with	
		mm	mm		t		kg
Y28-205	-036088	420	300	394	15	YRH-202	21.50
Y28-215	-833915	420	300-600	394	15	YRH-202	25.00
Y38-205	-037078	700	520	514	25	YRH-302	41.00
Y58-205	-038068	1000	700	448	45	YRH-603	90.00
Y58-215	-854675	1000	1200	448	45	YRH-603	98.00

2-JAW PULLER WITH SWIVELING JAWS (WITHOUT HYDRAULIC HOLLOW RAM)

Y-205
HY

For removing particularly large and tight bearings, gears, discs, etc.



Art.-No.				max. t	für for
		mm	mm		
Y20-205	-035906	420	470	15	YRH-202 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y20-215	-833892	420	850	15	YRH-202 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y30-205	-036996	700	720	25	YRH-302 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y50-205	-037986	1000	970	45	YRH-603 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y50-215	-833892	1000	1600	45	YRH-603 KUKKO, Enerpac, OTC, Powerteam, NIKE

HYDRAULIC 3-JAW PULLER WITH SWIVELING JAWS, WITH HYDRAULIC HOLLOW RAM FOR PUMP DRIVE






Y-206
HY

For removing particularly large and tight bearings, gears, discs, etc.



Y28-206






Art.-No.		 mm	 mm	max. bar	 t	mit with	 kg
Y28-206	-036248	280 - 500	300	525	20	YRH-202	31.50
Y28-216	-833922	280 - 500	300-600	525	20	YRH-202	36.50
Y38-206	-037238	330 - 900	520	617	30	YRH-302	54.00
Y58-206	-038228	460 - 1200	700	498	50	YRH-603	125.00
Y58-216	-854682	460 - 1200	1200	498	50	YRH-603	130.50

3-JAW PULLER WITH SWIVELING JAWS (WITHOUT HYDRAULIC HOLLOW RAM)

Y-206
HY

For removing particularly large and tight bearings, gears, discs, etc.



Art.-No.		 mm	 mm	max. t	für for
Y20-206	-036163	280 - 500	470	20	YRH-202 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y20-216	-833908	280 - 500	850	20	YRH-202 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y30-206	-037153	330 - 900	720	30	YRH-302 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y50-206	-038143	460 - 1200	970	50	YRH-603 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y50-216	-854668	460 - 1200	1600	50	YRH-603 KUKKO, Enerpac, OTC, Powerteam, NIKE

HYDRAULIC 3-JAW COMBINATION PULLER WITH SWIVELING JAWS, WITH HYDRAULIC CYLINDER FOR PUMP DRIVE

Y-208
HY

For removing particularly large and tight bearings, gears, discs, etc.



Y08-208

DESCRIPTION

- Swivelling puller jaws.

ADVANTAGE

- Combi-pullers can be used as a 3-jaw and 2-jaw puller.
- Universal application thanks to adjustable depths.
- The larger the pulling force, the stronger the puller hook's grip on the workpiece to be removed.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.							max.	mit with	
	4021176	mm	mm	mm		t	bar	YRE-050	kg
Y08-208	-461774	250	215	125	1 1/2" - 16 UN	4,5	625	YRE-050	5,39
Y18-208	-461699	500	500	250	2 1/4 - 14 UNS	10	561	YRE-101	17,41

3-JAW COMBINATION PULLER WITH SWIVELING JAWS (WITHOUT HYDRAULIC CYLINDER)

Y-208
HY

For removing particularly large and tight bearings, gears, discs, etc.



Art.-No.				max.		für for
	4021176	mm	mm	t		
Y05-208	-172366	250	215	4,5	1 1/2" - 16UN	YRE-050 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y10-208	-172441	500	500	10	2 1/4 - 14 UNS	YRE-101 KUKKO, Enerpac, OTC, Powerteam, NIKE

HYDRAULIC 3-JAW PULLERS WITH ADJUSTABLE REACH, WITH HYDRAULIC HOLLOW RAM FOR PUMP DRIVE

Y28-11-X HY

For pulling particularly tight bearings, gears, discs, etc.



Y28-11-1

DESCRIPTION

- High performance is guaranteed.
- Hydraulic hollow ram
- Standard pulling hook with adjustable depths.
- Parallel pulling hooks in every position, even with full load.
- Pulling hooks with infinitely variable adjustment on the cross-beam.

ADVANTAGE

- Pulling hooks can be adjusted lengthwise and to meet the required clamping depths.
- Turning the pulling hooks enables them to be used both internally and externally.
- Suitable for pulling asymmetric workpieces.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.

PRODUCT INFORMATION



Y28-11-1









YHU-S



YHU-S-Y28-11-1







Art.-No.		 mm	 mm	 mm	 t	mit with	 kg
Y28-11-1	-711640	520	140 - 340	280 - 600	20	YRH-202	37.96
Y28-11-2	-711657	650	140 - 340	290 - 740	20	YRH-202	44.70

3-JAW PULLERS WITH ADJUSTABLE REACH

Y20-11-X HY

For removing bearings, gears, discs, etc.



Art.-No.		 mm	 mm	 mm	max. t	für for
Y20-11-1	-711626	520	300 - 500	280 - 600	20	YRH-202 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y20-11-2	-711633	650	300 - 500	290 - 740	20	YRH-202 KUKKO, Enerpac, OTC, Powerteam, NIKE

HYDRAULIC PUSH/PULLING DEVICE WITH HYDRAULIC HOLLOW RAM FOR PUMP DRIVE

Y-180
HY

For removing particularly large and tight bearings, gears, discs, etc. using separator blades and internal extractors.



DESCRIPTION

- For use with series Y-15 separators and series Y-21-E internal extractors.
- Hydraulic hollow ram.


ADVANTAGE

- Easy and even pulling for particularly tight parts.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.




i PRODUCT INFORMATION

For use with internal extractors the following load values must be observed!







Art.-No.		max. t
Y28-180	Y-221-E	10
Y38-180	Y-321-E	20
Y58-180	Y-521-E	25



For use with separators the following load values must be observed!

Art.-No.		max. t
Y28-180	Y-215-2; Y-215-3; Y-215-4	15
Y38-180	Y-315-4; Y-315-5	20
Y58-180	Y-515-5; Y-515-6; Y-515-7	30






Art.-No.						max. bar	mit with	
		mm	mm	mm	t			kg
Y28-180	-036408	135 - 300	470	300	15	394	YRH-202	20.81
Y38-180	-037498	180 - 420	520	330	25	514	YRH-302	37.68
Y58-180	-038488	235 - 540	660	400	35	348	YRH-603	84.00

PUSH/PULLING DEVICE (WITHOUT HYDRAULIC HOLLOW RAM FOR PUMP DRIVE)

Y-180
HY

For removing particularly large and tight bearings, gears, discs, etc. using separator blades and internal extractors.



Art.-No.				max. t	für for
		mm	mm		
Y20-180	-036323	135 - 300	470	15	YRH-202 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y30-180	-037313	180 - 420	520	25	YRH-302 KUKKO, Enerpac, OTC, Powerteam, NIKE
Y50-180	-038303	235 - 540	600	35	YRH-603 KUKKO, Enerpac, OTC, Powerteam, NIKE

INTERNAL EXTRACTORS

For extracting inner bearings, bearing outer rings and bushings.

Y-21

HY









Y-221-E



DESCRIPTION

- The internal extractors of the Y-21-E series require the pulling devices of the Y-180 series.



Art.-No.					max.		
		mm	mm	t	bar		kg
Y-221-E	-040856	30 - 180	140	10	700	Y28-180; Y20-180	2.8
Y-321-E	-042836	75 - 230	150	20	700	Y38-180; Y30-180	6.5
Y-521-E	-044656	75 - 230	150	25	700	Y58-180; Y50-180	7.3

SEPARATORS FOR HYDRAULIC PUSH/PULL DEVICES

For removing ball bearings, roller bearings, inner races and other tight parts if there is not enough space to use pulling hooks.

Y-15

HY



Y-215-2







DESCRIPTION

- The sharp, wedge-shaped blades of the separator are pressed behind the part to be removed and, in this process, push between the bearing and seat.
- The wedge-shaped separator jaws are secured underneath the component to be removed.
- The large supporting surfaces protect the parts to be pulled.
- The separators of the Y-15 series require the pulling devices of the Y-180 series.

ADVANTAGE

- Ultimate stability when removing, as the separator and pulling device are screwed firmly together.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.				max.	
		mm	mm	t	kg
Y-215-2	-172106	22 - 115	115	15	2.86
Y-215-3	-039546	25 - 155	152	15	2.88
Y-215-4	-385629	30 - 200	200	15	11.80
Y-315-4	-398186	30 - 200	200	20	11.86
Y-315-5	-041501	30 - 250	250	20	20.11
Y-515-5	-400063	30 - 250	250	30	19.00
Y-515-6	-043581	75 - 330	330	30	39.00
Y-515-7	-172281	80 - 420	420	30	45.00

UNIVERSAL HYDRAULIC PULLER SET

YX8-X00
HY

For removal, separation and internal extraction of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.



DESCRIPTION

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- 2- and 3-jaw pullers.
- Separator blade.
- Internal extractor.

ADVANTAGE

- Arranged and space-efficient custody in the metal case.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.													mit with	max.	
		mm	mm	mm	mm	mm	t	t	t	t	t	t		bar	kg
Y28-200	-870828	280 - 500	300	25 - 155	30 - 180	135 - 300	470	15	20	15	15	10	YRH-202	525	85
Y38-300	-870835	330 - 900	520	30 - 250	75 - 230	135 - 300	520	25	30	25	20	20	YRH-302	617	188
Y58-500	-870842	460 - 1200	700	75 - 330	75 - 230	235 - 540	660	45	50	35	30	25	YRH-603	498	335

HYDRAULIC PUSH/PULL DEVICE SETS

YX8-X18

HY

For separation and internal extraction of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.













DESCRIPTION

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- Separator blade.
- Internal extractor.

ADVANTAGE

- Arranged and space-efficient custody in the metal case.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.		 mm	 mm	 mm	 mm	 mm	 t	 t	 t	mit with	max. bar	 kg
Y28-218	-036651	25 - 155	30 - 180	135 - 300	470	300	15	15	10	YRH-202	394	60
Y38-318	-037641	30 - 250	75 - 230	180 - 420	520	330	25	20	20	YRH-302	514	115
Y58-518	-038891	75 - 330	75 - 230	235 - 540	660	400	35	30	25	YRH-603	348	220

HYDRAULIC EXTERNAL PULLER SETS

YX8-X56

HY

For removal of particularly large and tight bearings, gears, discs, etc. in industry and commercial vehicles.









DESCRIPTION

- Large range for use in industry, commercial vehicles and farm machinery.
- Hydraulic hollow ram.
- Hydraulic hand pump, gauge and hoses.
- 2- and 3-jaw pullers.

ADVANTAGE

- Arranged and space-efficient custody in the metal case.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.		 mm	 mm	 t	 t	mit with	max. bar	 kg
Y28-256	-036811	280 - 500	300	15	20	YRH-202	525	52.00
Y38-356	-037801	330 - 900	520	25	30	YRH-302	617	93.42
Y58-556	-038631	460 - 1200	700	45	50	YRH-603	498	175.00





HYDRAULIK

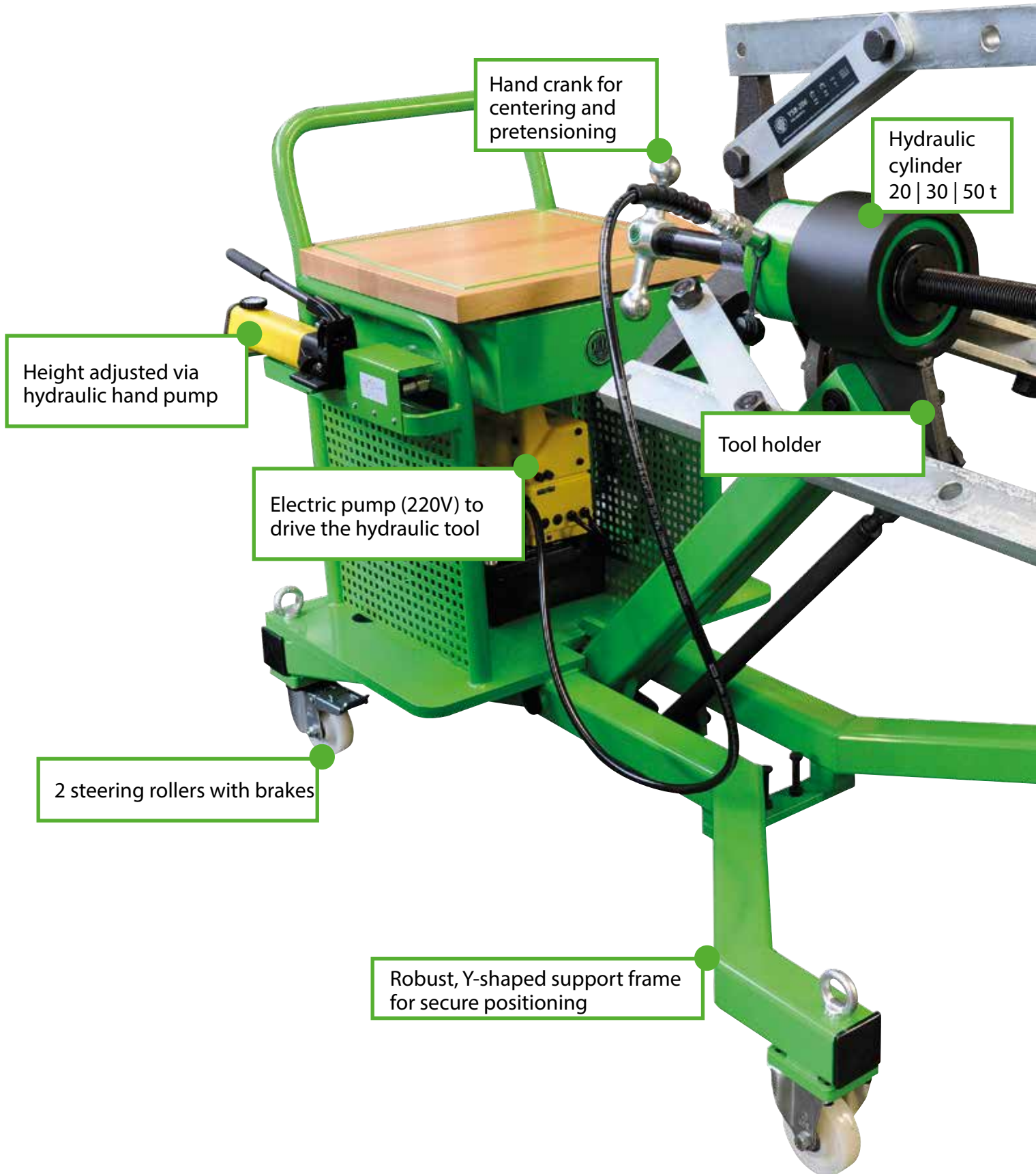
100 PERCENT BIG PLAYER

The Big Player series includes mobile KUKKO pullers for heavy industry, rail, commercial vehicles, power plants, and other applications where large bearings, gears, or similar parts have to be dismantled.

With a pulling strength of up to 75 t, the Big Players are the solution for really large pulling operations.

KUKKO // *Pull forward*

GOLIATH – THE STRONGEST IN ITS CLASS



Hand crank for centering and pretensioning

Hydraulic cylinder
20 | 30 | 50 t

Height adjusted via hydraulic hand pump

Tool holder

Electric pump (220V) to drive the hydraulic tool

2 steering rollers with brakes

Robust, Y-shaped support frame for secure positioning



Move with a lifting crane using
the lifting eyes

Mobile use via 4 rollers

GOLIATH with puller
GOLIATH-56 series
max. 50 t



GOLIATH with separating device
GOLIATH-18 series
max. 30 t



MOBILE HYDRAULIC PULLER "GOLIATH"

GOLIATH-X56

HY

Mobile KUKKO puller for heavy industry, railways, power plants and other applications where large bearings, gear wheels or similar parts must be dismantled.









DESCRIPTION

- With a pulling force of up to 50 tonnes, it is ideal for really big pulling jobs.
- The central pressure spindle of the GOLIATH puller can be attached to the part to be pulled very easily and precisely by just one person thanks to the combination of hydraulic height adjustment and mechanical fine adjustment.
- The puller can be positioned easily and conveniently using the Y-shaped mobile support frame with four easy-rolling, lockable castors, which also ensures stable placement for all applications.
- The pulling force is applied by a cylinder ram equipped with a central pressure spindle, which is actuated by a two-stage, electrically-driven hydraulic pump with remote motor control.
- This avoids exposing users to the risk of injury from flying parts.

ADVANTAGE

- The puller can be used with 2 or 3 jaws.
- An accessory separator fixture can be fitted quickly and easily.
- Modular system can be expanded with other extractor types.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.					mit with		
		mm	mm	t		Volt	kg
GOLIATH-256	-102714	500	300	20	YRH-202	230	225
GOLIATH-356	-102752	900	520	30	YRH-302	230	257
GOLIATH-556	-102783	1200	700	50	YRH-603	230	328

MOBILE HYDRAULIC SEPARATOR "GOLIATH"

GOLIATH-X18

HY

Mobile KUKKO puller for heavy industry, railways, power plants, and other applications requiring the removal of large bearings, gear wheels, or similar parts.










DESCRIPTION

- With a pulling force of up to 30 tonnes, it is ideal for really big pulling jobs.
- The central pressure spindle of the GOLIATH puller can be attached to the part to be pulled very easily and precisely by just one person thanks to the combination of hydraulic height adjustment and mechanical fine adjustment.
- The puller can be positioned easily and conveniently using the Y-shaped mobile support frame with four easy-rolling, lockable castors, which also ensures stable placement for all applications.
- The pulling force is applied by a cylinder ram equipped with a central pressure spindle, which is actuated by a two-stage, electrically-driven hydraulic pump with remote motor control.
- This avoids exposing users to the risk of injury from flying parts.

ADVANTAGE

- The model is equipped with a separator, but can also be combined with hydraulic systems.
- Modular system can be expanded with other extractor types.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.						mit with		
		mm	mm	mm	t		Volt	kg
GOLIATH-218	-102707	25 - 155	135 - 300	300	15	YRH-202	230	226
GOLIATH-318	-102745	30 - 250	180 - 420	520	20	YRH-302	230	299
GOLIATH-518	-102776	80 - 420	180 - 420	520	30	YRH-603	230	326

MOBILE HYDRAULIC SEPARATOR "GOLIATH" AND HYDRAULIC PULLER

GOLIATH-X00

HY

Mobile KUKKO puller for heavy industry, railways, power plants, and other applications requiring the removal of large bearings, gear wheels, or similar parts.














DESCRIPTION

- With a pulling force of up to 50 tonnes, it is ideal for really big pulling jobs.
- The central pressure spindle of the GOLIATH puller can be attached to the part to be pulled very easily and precisely by just one person thanks to the combination of hydraulic height adjustment and mechanical fine adjustment.
- The puller can be positioned easily and conveniently using the Y-shaped mobile support frame with four easy-rolling, lockable castors, which also ensures stable placement for all applications.
- The pulling force is applied by a cylinder ram equipped with a central pressure spindle, which is actuated by a two-stage, electrically-driven hydraulic pump with remote motor control.
- This avoids exposing users to the risk of injury from flying parts.

ADVANTAGE

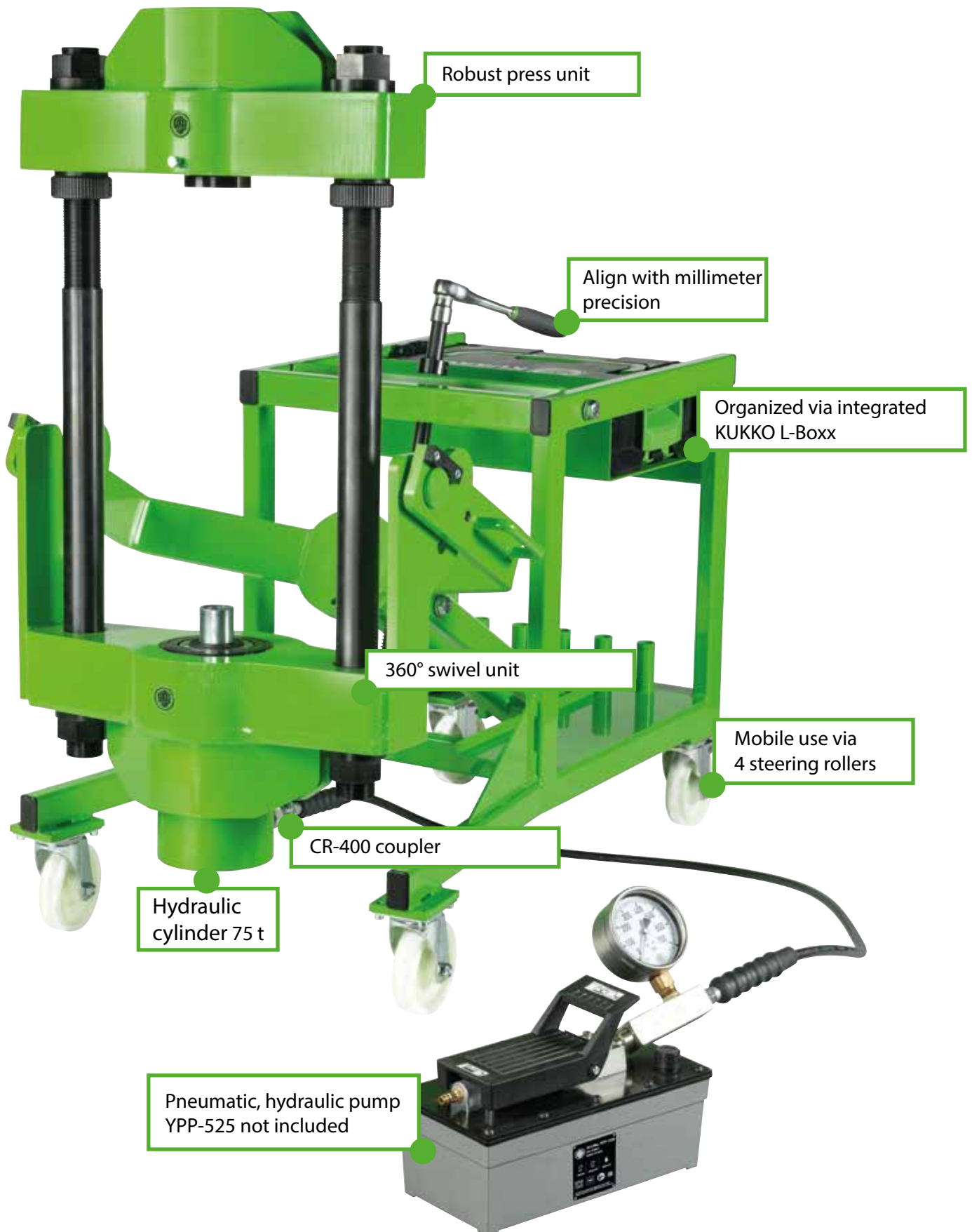
- The model is equipped with a separator, but can also be combined with hydraulic systems.
- Modular system can be expanded with other extractor types.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.										mit with		
		mm	mm	mm	mm	mm	t	t	t		Volt	kg
GOLIATH-200	-102691	500	300	25 - 155	135 - 300	300	20	15	15	YHR-202	230	263
GOLIATH-300	-102738	900	520	30 - 250	180 - 420	520	30	25	20	YRH-302	230	335
GOLIATH-500	-102769	1200	700	80 - 420	180 - 420	520	50	35	30	YRH-603	230	489

AXLE – THE STRONGEST IN ITS CLASS

QUALITY
MADE IN
GERMANY



KING PIN PRESS "AXLE"

For pressing king pins in and out on the front axles of commercial vehicles.

AXLE
HY



DESCRIPTION

- Mobile, hydraulic king pin press with pneumatic pump drive.
- Robust press unit.
- Alignment to the millimeter through spindle with fine thread.
- Mobile use through 4 steering rollers.
- 360° swivel unit enables dual use for pressing in and out.

ADVANTAGE

- The press can be used with axles that are either installed or have been dismantled.
- Easy handling through pneumatic hydraulic pump.



PRODUCT INFORMATION

Pin and bush set available as accessories.
See pages 44-45



Art.-No.						max.	mit	
		mm	mm	mm	mm	t	with	kg
Y-AP-75	-691157	370	415 - 615	1100	155	75	YRE-701	300

KUKKO HUB ONE FOR EVERY SITUATION

THE MOBILE, HYDRAULIC WORKSHOP LIFT

MODULAR

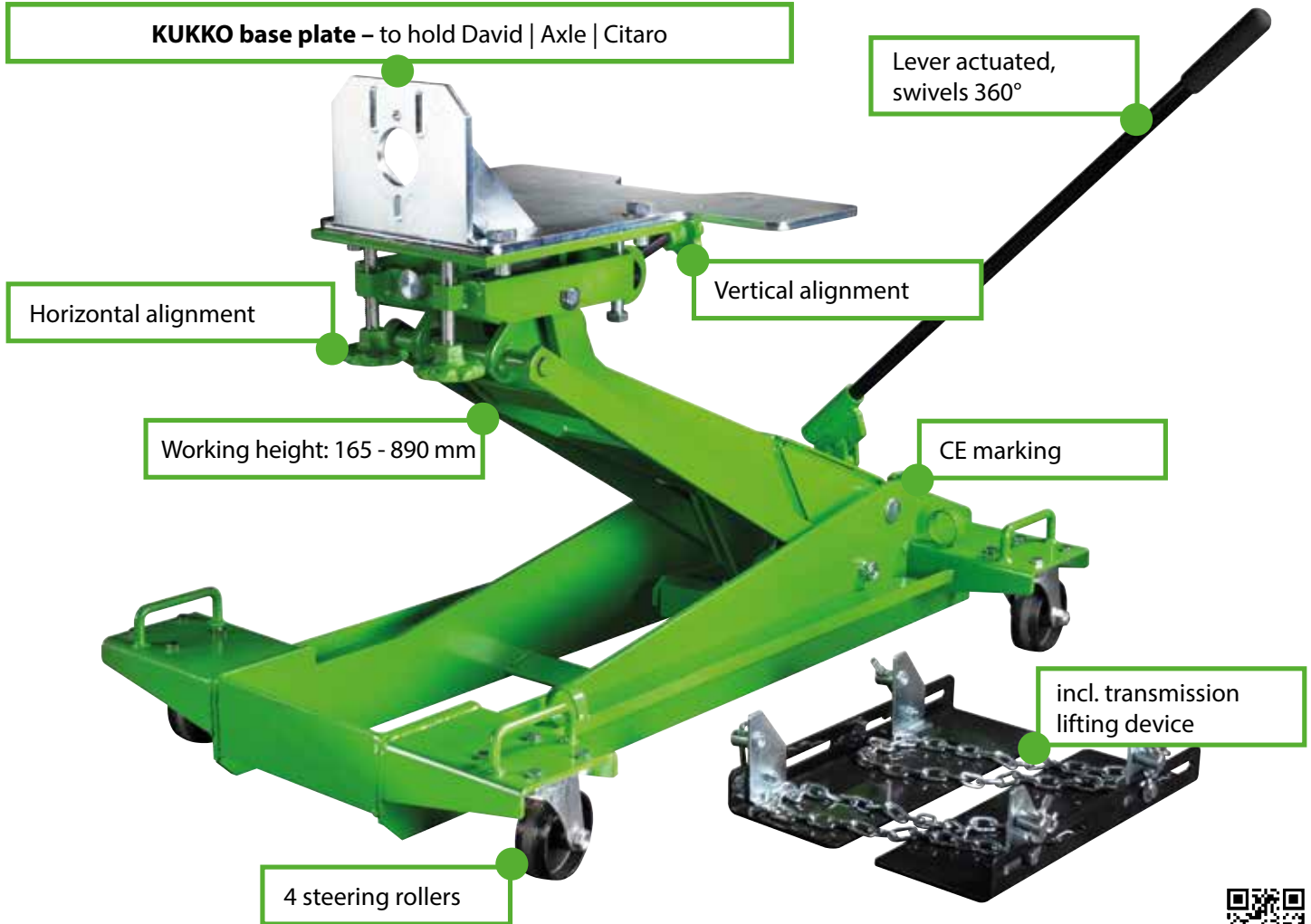
The KUKKO base plate: the heart of the lifter. One holder for all compatible tools.






SECURE

The KUKKO base plate is designed to make it easy to attach any tool securely.



KUKKO base plate – to hold David | Axle | Citaro



Art.-No.		max.				
		t	mm	mm	mm	kg
YHU-S	-060113	1,5	1105	652	165-890	150

HYDRAULIC PULLER "DAVID"

Hydraulic, mobile, 3-arm puller with adjustable clamping depth.

DAVID
HY



DESCRIPTION

- Pulling hooks can be adjusted lengthwise to meet the required clamping depths.
- Parallel pulling hooks in every position, even with full load.
- The three-arm design ensures that the load is distributed evenly and that the part to be removed is held securely.
- Lever activation, swivelling 360° for ergonomic operation from out of the work area.
- Lowering activation on the basis of an easily accessible rotary valve, for the controlled lowering of the load beyond the work area for accident prevention.

ADVANTAGE

- Lever activation removeable.
- Easy positioning with four steering rollers.
- Flat design enables work on low-lying vehicles.
- Overload security for avoiding damage or injuries.



PRODUCT INFORMATION

accessories available - see page 44



Art.-
No.



mm



mm



mm



mm



mm



mm



t

YHU-S-Y28-11-1

-060144

520

140 - 340

41

1105

652

165-890

20

HYDRAULIC KING PIN PRESS "AXLE"

AXLE
HY

For the quick pressing in and out of all common king pins on the front axles of commercial vehicles.



DESCRIPTION

- The press can be used with axles that are either installed or have been dismantled.
- Time-saving and universal use.
- For quick and easy positioning on the vehicle, the work unit swivels and can be preset.
- Lever activation, swivelling 360° for ergonomic operation from out of the work area.
- Lowering activation on the basis of an easily accessible rotary valve, for the controlled lowering of the load beyond the work area for accident prevention.

ADVANTAGE






- Lever activation removeable.
- Easy positioning with four steering rollers.
- Flat design enables work on low-lying vehicles.
- Overload security for avoiding damage or injuries.



i PRODUCT INFORMATION

accessories available - see page 44



Art.-No.								max.	
		mm	mm	mm	mm	mm	mm	t	kg
YHU-S-AP-255	-060120	255	1000	156	1105	652	165-890	75	250

HYDRAULIC HUB PULLER "CITARO"

For pulling off hubs.

CITARO

HY



DESCRIPTION

- With the hydraulic hub puller, very tightly fastened hubs that are difficult to remove can be loosened perfectly.
- Bolt circle disc with different radii and bore diameters.
- For quick and easy positioning on the vehicle, the work unit swivels and can be preset.
- Lever activation, swivelling 360° for ergonomic operation from out of the work area.
- Lowering activation on the basis of an easily accessible rotary valve, for the controlled lowering of the load beyond the work area for accident prevention.

ADVANTAGE







- Lever activation removeable.
- Easy positioning with four steering rollers.
- Flat design enables work on low-lying vehicles.
- Overload security for avoiding damage or injuries.



PRODUCT INFORMATION

accessories available - see page 44



Art.-No.			für for				mit with	max. t		kg
YHU-S-Citaro	-060137	M16; M18; M20	ZF A, B und C-Achsen (Typ AV132) RL 75 E ZF A, B and C-Axes (type AV132) RL 75 E, RL 75 E	1105	652	165-890	YRH-302	30	187	





HYDRAULIC WHEEL PULLER FOR COMMERCIAL VEHICLES AND LOW-FLOOR BUSES

Safe and fast disassembly of the hub on commercial vehicles and buses.

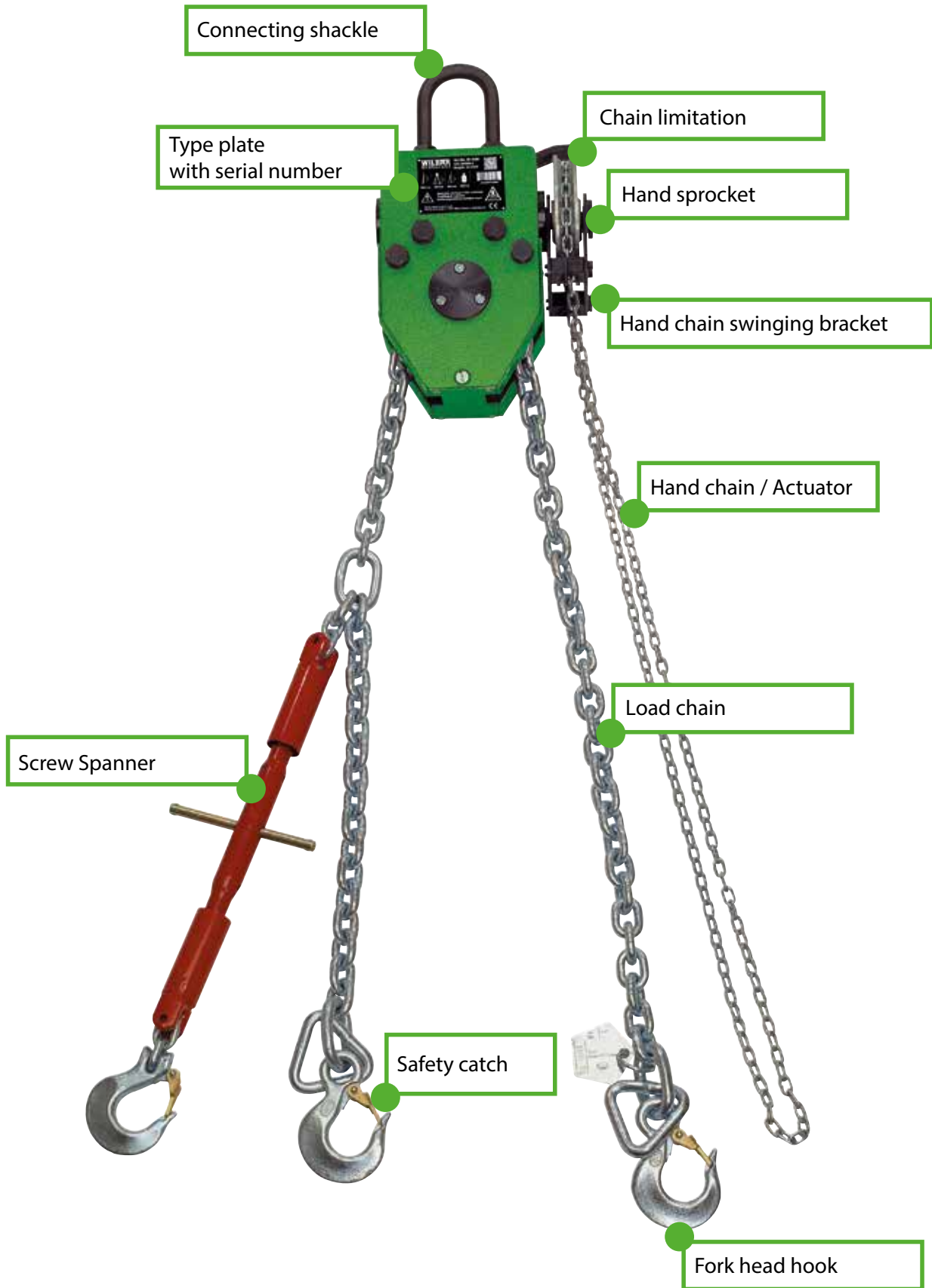
Y-60-100

HY



Art.-No.			für for	mit with	max. t		Stück pieces	
Y-60-100	-356780	M16; M18; M20	ZF A, B und C-Achsen (Typ AV132) RL 75 E, RL 75 EC ; ZF A, B and C-Axes (type AV132) RL 75 E, RL 75 EC	YRH-302	30	YHP-321	22	L-Boxx

ENGINE TILTING HOIST URANOS WITH SELF-LOCKING WORM GEAR



For all repair and maintenance
always state the serial number!

ENGINE TILTING HOIST "URANOS"

Universally applicable for directing the incline during removal and mounting of all types of engines.

URANOS
HY



W-3180

DESCRIPTION

- With self-locking worm gear and 3-point suspension







ADVANTAGE

- If necessary, shackles, etc. with the required load-bearing capacity may be used as a means of connection.
- The hand chain can be operated in all angular positions without impairment.
- The desired incline is securely held by the built-in, self-locking worm gear as soon as the operation of the hand chain stops.
- The large gear ratio of the worm gear, with maximum efficiency, guarantees expeditious handling in all situations.
- A detailed instruction manual is included with each engine conductor.

i **PRODUCT INFORMATION**

accessories available - see page 45



Art.-No.						
		mm	mm	mm	kg	kg
W-3180	-318007	1900	700	500	2000	32.00
W-3188	-318809	1245	500	345	500	11.85

HYDRAULIK

100 PERCENT SHARP

For use in commercial vehicles,
the pipe industry, tank cleaning,
petrochemical industry, steelwork, and
mining, etc.

Nut splitters are used to remove
tightened or overtightened nuts of all
strength classes.

Excellent cutting performance!

KUKKO // Pull forward



PUMP- DRIVEN HYDRAULIC NUT SPLITTER IN A CASE

Y-57
HY

For use in commercial vehicles, the pipe industry, tank cleaning, the petrochemical industry, steel construction, mining, etc.

DESCRIPTION

- Hydraulic, single-acting with spring return.
- Compact ergonomic construction.
- Easy handling.

ADVANTAGE

- Unique slanting head for use on flat surfaces.
- Faster spring removal.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.

i PRODUCT INFORMATION

A hydraulic pump is required to drive the tool.
Not included in delivery.
See page: 38










Y-57-24



The splitting chisels of the nut splitters are wearing parts.
Blunt, pitted or broken chisels must be replaced immediately.



Art.-No.		 mm	 M	max. t	 bar	 kg	Ersatzmeißel replacement chisel		
Y-57-10	-123559	10-19	M6 - M12	5	700	2.26	Y-5710M	YHP-325, YHP-326	i-Boxx
Y-57-19	-123566	19-24	M12 - M16	10	700	3.24	Y-5719M	YHP-325, YHP-326	i-Boxx
Y-57-24	-870675	24-32	M16 - M22	15	700	5.40	Y-5724M	YHP-325, YHP-326	L-Boxx
Y-57-32	-870682	32-41	M22 - M27	20	700	8.53	Y-5732M	YHP-325, YHP-326	L-Boxx
Y-57-41	-870699	41-50	M27 - M33	35	700	13.44	Y-5741M	YHP-325, YHP-326	L-Boxx
Y-57-50	-870705	50-60	M33 - M39	50	700	25.08	Y-5750M	YHP-325, YHP-326	Metall / Metal
Y-57-60	-870712	60-75	M39 - M48	90	700	34.10	Y-5760M	YHP-325, YHP-326	Metall / Metal

INDUCTIVE HEATER

Y-IH

For universal use when heating bearings and other rotationally symmetrical workpieces.

DESCRIPTION

- Quick, even and continuous heating of the workpiece.
- The bearings can be pulled vertically across the yoke (normal heating process).
- Individual settings provided by temperature and time programming.

ADVANTAGE

- Bearings are easier to mount if pre-heated.
- Only the workpiece is heated up.
- Always fits due to various yokes.
- The temperature can be monitored at all times with the integrated display.












Y-IH-010



Y-IH-120



Art.-No.										
	mm	mm	kg	°C	Volt	mm	mm	mm	kg	
Y-IH-010	-773594	20	160	10	20-180	220-240 V	340	64	250	3,5
Y-IH-120	-774027	20	400	120	0-250	220-240 V	420	345	280	35,0



140 °C

Art. No. Y-04-120
max. temp. 150°C

POWER START/STOP

HYDRAULIC HAND PUMP, GAUGE AND HOSES

For use with pullers in the KUKKO line of hydraulic products.

YHP
HY



YHP-326



YHP-320










YF-200



YM-235



Art.-No.					max.			
		bar	cm ³	mm	t			kg
YHP-320	-045721	700	700	23	-	YF-200, YM-235		7.28
YHP-321	-111198	700	900	23	50		YHP-320, YF-200	8.37
YHP-324	-045806	700	900	23	50		YHP-320, YM-235	9.60
YHP-325	-045981	700	900	23	50		YHP-320, YF-200, YM-235	10.05
YHP-326	-046483	700	900	23	50		YHP-325	16.13
YHP-420	-609688	700	2000	13 / 2,8	75	YF-200, YM-235		
YHP-421	-022968	700	2000	13 / 2,8	75		YHP-420; YF-200	
YHP-424	-103988	700	2000	13 / 2,8	75		YHP-420; YM-235	
YHP-425	-103995	700	2000	13 / 2,8	75		YHP-420; YF-200, YM-235	
YF-200	-045646		2 m Schlauch / 2 m hose			YHP-320		1.06
YM-235	-157769		700 bar Manometer / 700 bar gauge			YHP-320, YF-200		1.60
YGA-2	-458644		Adapter					0.21

PNEUMATIC, HYDRAULIC PUMP

For use with pullers in the KUKKO line of hydraulic products.

YPP
HY



YPP-525






DESCRIPTION

- With hydraulic pump operated by compressed air
- Suitable for single-acting press cylinders.
- With safety valve as overload protection.
- With 2-stage release valve.
- Durable metal housing.

ADVANTAGE

- Can be used by foot or hand operation.



Art.-No.					Bezeichnung description	
		bar	PSI	cm ³		kg
YPP-520	-141577	700	10000	3000	Pumpe / pump	
YPP-525	-469732	700	10000	3000	Pumpe mit Schlauch, Manometer pump, gauge and hoses	

ACCESSORIES FOR HOLLOW RAMS

Y-10/11
HY

For use with pullers in the KUKKO line of hydraulic products.



Y218-10






Y218-11

DESCRIPTION

- The KUKKO product range includes high-pressure hydraulic hand pumps, pressure gauges and hoses, as well as various connections and adapters that are designed for durability and ease of use. The entire series is also equipped with various safety features that provide reliable performance and occupational safety.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.		Bezeichnung description		max.	
				t	kg
Y218-10	-040368	Handkurbel / Crank	YRH-202	20	1.86
Y218-11	-040443	Mittelspindel / Mechanical screw	YRH-202	20	1.69
Y318-10	-041761	Handkurbel / Crank	YRH-302	30	0.88
Y318-11	-041846	Mittelspindel / Mechanical screw	YRH-302	30	3.20
Y518-10	-044243	Handkurbel / Crank	YRH-603	50	1.75
Y518-11	-044328	Mittelspindel / Mechanical screw	YRH-603	50	6.74

HIGH-FLOW COUPLING

YC
HY



YCR-400






YCH-604

DESCRIPTION

- High-flow coupling
- The complete coupling comprises a coupling plug (YCH-604) and a coupling sleeve (YCR-400) with protective cap.
- The coupling provides a leakage-oil-free connection and rotates freely under pressure.
- Max. operating pressure 700 bar | 10.000 psi





Art.-No.			max.	
			bar	kg
YCR-400	-201318	AG: 3/8" - IG: CR400	700	0.225
YCH-604	-440731	IG: CR-400	700	0.225

MOUNTING FOR HYDRAULIC CYLINDER

Y-X00
HY



Art.-No.		für for	
Y200-00	-507724	YRH-202	Y28-180, Y28-205, Y28-206, Y28-200, Y28-218, Y28-256, GOLIATH-556, GOLIATH-356, GOLIATH-518, GOLIATH-500
Y300-00	-507748	YRH-302	Y38-180, Y38-205, Y38-206, Y38-300, Y38-318, Y38-356, GOLIATH-556, GOLIATH-256, GOLIATH-518, GOLIATH-500
Y500-00	-507755	YRH-603	Y58-180, Y58-205, Y58-206, Y58-500, Y58-518, Y58-556, GOLIATH-356, GOLIATH-256

ACCESSORIES FOR HYDRAULIC PULLING DEVICES

Y-18-E
HY

For use with pullers in the KUKKO line of hydraulic products.



Y218-03



Y218-06-P



Y218-33






Y218-09-P

DESCRIPTION

- The KUKKO product range includes high-pressure hydraulic hand pumps, pressure gauges and hoses, as well as various connections and adapters that are designed for durability and ease of use. The entire series is also equipped with various safety features that provide reliable performance and occupational safety.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.		max. t	Bezeichnung description		 kg
Y218-03	-039706	15	Traverse / Cross-beam	Y28-180, Y20-180	4.82
Y218-04	-529818	15	Befestigungsmaterial für 1 Paar Zugbolzen / Fastening material kit for 1 pair of tension bolts	Y28-180, Y20-180	9.00
Y218-06-P	-056420	15	Paar Zugbolzen / bolts, pair: 240 mm	Y28-180, Y20-180	2.30
Y218-07-P	-056437	15	Paar Zugbolzen / bolts, pair: 420 mm	Y28-180, Y20-180	3.68
Y218-08-P	-056444	15	Paar Zugbolzen / bolts, pair: 570 mm	Y28-180, Y20-180	3.68
Y218-09-P	-218095	15	Paar Stützmuttern für Zugbolzen / Pair of support nuts for tension bolts	Y28-180, Y20-180	0.26
Y218-12-P	-097157	15	Paar Zugbolzen / bolts, pair: 115 mm	Y28-180, Y20-180	1.34
Y218-31-P	-218316	15	Paar Verbinder für Zugbolzen / Pair of connectors for tension bolts	Y28-180, Y20-180	0.32
Y218-33	-040771	15	Schnellverstellmutter / Quick-adjust nuts	Y28-180, Y20-180	1.10
Y318-03	-041686	25	Traverse / Cross-beam	Y38-180, Y30-180	11.40
Y318-04	-318047	25	Befestigungsmaterial für 1 Paar Zugbolzen / Fastening material kit for 1 pair of tension bolts	Y38-180, Y30-180	6.92
Y318-36-P	-056338	25	Paar Zugbolzen / bolts, pair: 205 mm	Y38-180, Y30-180	4.28
Y318-33	-042188	25	Schnellverstellmutter / Quick-adjust nuts	Y38-180, Y30-180	1.85
Y318-37-P	-305863	25	Paar Zugbolzen / bolts, pair: 460 mm	Y38-180, Y30-180	6.93
Y318-38-P	-056345	25	Paar Zugbolzen / bolts, pair: 710 mm	Y38-180, Y30-180	11.80
Y318-39-P	-318399	25	Paar Stützmuttern für Zugbolzen / Pair of support nuts for tension bolts	Y38-180, Y30-180	0.82
Y318-41-P	-318412	25	Paar Verbinder für Zugbolzen / Pair of connectors for tension bolts	Y38-180, Y30-180	0.60
Y518-03	-043826	35	Traverse / Cross-beam	Y58-180, Y50-180	30.91
Y518-07-P	-056468	35	Paar Zugbolzen / bolts, pair: 610 mm	Y58-180, Y50-180	15.86
Y518-08-P	-056475	35	Paar Zugbolzen / bolts, pair: 865 mm	Y58-180, Y50-180	21.28
Y518-09-P	-518096	35	Paar Stützmuttern für Zugbolzen / Pair of support nuts for tension bolts	Y58-180, Y50-180	1.33
Y518-31-P	-518317	35	Paar Verbinder für Zugbolzen / Pair of connectors for tension bolts	Y58-180, Y50-180	1.20
Y518-33	-044571	35	Schnellverstellmutter / Quick-adjust nuts	Y58-180, Y50-180	2.66

ACCESSORIES FOR HYDRAULIC PULLERS

Y205/206

HY

For use with pullers in the KUKKO line of hydraulic products.



Y205-00



Y205-20







Y206-30

DESCRIPTION

- The KUKKO product range includes high-pressure hydraulic hand pumps, pressure gauges and hoses, as well as various connections and adapters that are designed for durability and ease of use. The entire series is also equipped with various safety features that provide reliable performance and occupational safety.
- Almost all components available as replacement parts, time-saving order process thanks to numbering system.



Art.-No.		Bezeichnung description	 mm	max. t		 kg
Y205-00	-273759	Abzughaken mit Laschen, Schrauben, Muttern Jaw (individual) with accessories	470	20	Y28-205, Y28-206, Y20-206, Y20-205	4.41
Y205-27	-423574	Abzughaken mit Laschen, Schrauben, Muttern Jaw (individual) with accessories	600	20	Y28-205, Y28-206, Y20-206, Y20-205	6.20
Y205-20	-038976	2-Arm Traverse / 2-jaw cross-beam	-	20	Y28-205, Y28-206, Y20-206, Y20-205	2.27
Y206-30	-039478	3-Arm Traverse / 3-jaw cross-beam	-	20	Y28-205, Y28-206, Y20-206, Y20-205	5.00
Y305-00	-273834	Abzughaken mit Laschen, Schrauben, Muttern Jaw (individual) with accessories	720	30	Y38-205, Y38-206, Y30-206, Y30-205	10.16
Y305-20	-040931	2-Arm Traverse / 2-jaw cross-beam	-	30	Y38-205, Y38-206, Y30-206, Y30-205	3.78
Y306-30	-041433	3-Arm Traverse / 3-jaw cross-beam	-	30	Y38-205, Y38-206, Y30-206, Y30-205	5.12
Y505-00	-273919	Abzughaken mit Laschen, Schrauben, Muttern Jaw (individual) with accessories	970	50	Y58-205, Y58-206, Y50-206, Y50-205	22.44
Y505-02	-484711	Abzughaken mit Laschen, Schrauben, Muttern Jaw (individual) with accessories	1200	50	Y58-205, Y58-206, Y50-206, Y50-205	30.00
Y505-20	-042911	2-Arm Traverse / 2-jaw cross-beam	-	50	Y58-205, Y58-206, Y50-206, Y50-205	7.85
Y506-30	-043413	3-Arm Traverse / 3-jaw cross-beam	-	50	Y58-205, Y58-206, Y50-206, Y50-205	10.55

STEP PLATE ADAPTER SETS FOR CENTER-BORED PARTS

Y-17

HY



Y-18-17



Art.-No.		Ø mm	Bezeichnung description	 kg
Y-18-17	-235078	20-62	12-teilig / 12 parts	2.23
Y-19-17	-235153	33-81	12-teilig / 12 parts	5.70
Y-20-17	-235238	55-88	6-teilig / 6 parts	4.90
Y-01-17	-233173	20-23	einzel / single	0.01
Y-02-17	-233258	23-26	einzel / single	0.04
Y-03-17	-233333	26-30	einzel / single	0.05
Y-04-17	-233418	29-33	einzel / single	0.06
Y-05-17	-233586	33-39	einzel / single	0.16
Y-06-17	-233661	36-42	einzel / single	0.20
Y-07-17	-233746	39-46	einzel / single	0.22
Y-08-17	-233821	42-48	einzel / single	0.28
Y-09-17	-233906	45-52	einzel / single	0.30
Y-10-17	-234163	49-58	einzel / single	0.36
Y-11-17	-234248	51-62	einzel / single	0.52
Y-12-17	-234408	55-65	einzel / single	0.58
Y-13-17	-234576	58-68	einzel / single	0.65
Y-14-17	-234651	61-71	einzel / single	0.72
Y-15-17	-234736	65-74	einzel / single	0.78
Y-16-17	-234811	71-81	einzel / single	0.94
Y-17-17	-234996	77-88	einzel / single	1.10

i **PRODUCT INFORMATION**

PRESSURE PADS FOR HOLLOW RAMS

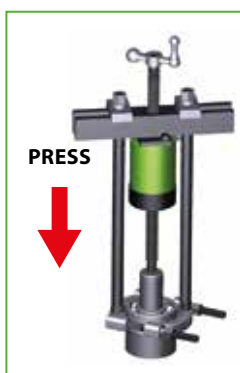
Hollow rams can be used both for pushing and for pulling.
 The pressure pads listed below screw into the female thread of the piston rod.
 The center spindle can be placed directly in the threaded pressure pad or,
 if a plain hole pad is being used, fastened and adjusted with the quick-adjusting nut.
 If a closed, serrated pressure pad is used, the cylinder can function as a hydraulic jack.



PRESSURE PADS FOR HOLLOW RAMS

YDB
HY



YDB-33E



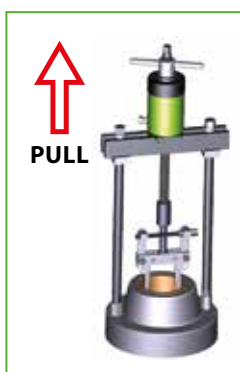
Art.-No.		max.	
		t	kg
YDB-33E	-400308	30	0.21
YDB-55E	-400483	50	0.50
YDG-20E	-399091	20	0.18
YDG-30E	-399176	30	0.28
YDG-50E	-399251	50	0.86
YDM-20E	-414183	20	0.28
YDM-30E	-414268	30	0.38
YDM-50E	-414343	50	1.06



PRESSURE PADS FOR HOLLOW RAMS

YDG
HY



YDG-30E





Art.-No.		max.	
		t	kg
YDG-20E	-399091	20	0.18
YDG-30E	-399176	30	0.28
YDG-50E	-399251	50	0.86

PRESSURE PADS FOR HOLLOW RAMS

YDM
HY



YDM-30E

Art.-No.		max.	
		t	kg
YDM-20E	-414183	20	0.28
YDM-30E	-414268	30	0.38
YDM-50E	-414343	50	1.06



Pressure bolt

Adapter piece for receiving the pressure bolt

Pressure piece for hollow ram cylinder

Piston of the hydraulic cylinder

Hydraulic
Hollow raw cylinders

ACCESSORIES FOR HUB | DAVID | AXLE | CITARO

YHU-XXX
HY

For use with series YHU-XXX






YHU-S-AP-V0



YHU-S-AP-B1



Art.-No.		Bezeichnung description	Stück pieces	Ø mm	 L mm	
YHU-GP-001	-181863	Grundplatte HUB / base plate	1	-	-	YHU-S, YHU-S-AP-255; YHU-S-Y28-11-1; YHU-S-Citaro
YHU-S-AP-V0	-181986	Satz Verschlussstücke / set of locking pieces	2	72; 85	61; 45	YHU-S-AP-255
YHU-S-AP-B1	-181887	Druckbolzensatz / set of pressure bolts	8	21,5 - 39	120 - 220	YHU-S-AP-255
YHU-S-AP-B10	-181894	Druckbolzen / pressure bolt	1	21,5	150	YHU-S-AP-255
YHU-S-AP-B11	-181900	Druckbolzen / pressure bolt	1	24,5	150	YHU-S-AP-255
YHU-S-AP-B12	-181917	Druckbolzen / pressure bolt	1	29,0	120	YHU-S-AP-255
YHU-S-AP-B13	-181931	Druckbolzen / pressure bolt	1	29,0	220	YHU-S-AP-255
YHU-S-AP-B14	-181948	Druckbolzen / pressure bolt	1	35,0	120	YHU-S-AP-255
YHU-S-AP-B15	-181955	Druckbolzen / pressure bolt	1	35,0	220	YHU-S-AP-255
YHU-S-AP-B16	-181962	Druckbolzen / pressure bolt	1	39,0	120	YHU-S-AP-255
YHU-S-AP-B17	-181979	Druckbolzen / pressure bolt	1	39,0	220	YHU-S-AP-255
YHU-S-11-1-SP	-181870	Spannpratzen / clamping jaw	3	-	-	YHU-S, YHU-S-Y28-11-1
YHU-S-B-075	-182013	Bügelerschrauben	2	-	75 x 125	YHU-S, YHU-S-AP-255; YHU-S-Y28-11-1; YHU-S-Citaro
YHU-S-AS	-181993	Anbausatz / Attachment kit	5	-	-	YHU-S-Y28-11-1; YHU-S-Citaro

ACCESSORIES FOR "AXLE" Y-AP-75

Y-AP-3XX
HY

For use with steering knuckle pin press "AXLE" Y-AP-75







Y-AP-371



Y-AP-372



Art.-No.		Bezeichnung description	Stück pieces	Bolzen pin Ø mm	Bolzen pin  L mm	Buchse bush Ø mm	Buchse bush  L mm	
Y-AP-371	-060076	Druckbolzensatz universal / universal set of pressure bolts	8	21,5 - 39	120 - 220	-	-	Y-AP-75
Y-AP-372	-060083	Bolzen- und Buchsenset MAN / Pin and bush set MAN	13	50 - 66	35 - 100	45 - 72	18,5 - 135	Y-AP-75
Y-AP-373	-060090	Bolzen- und Buchsenset MB / Pin and bush set MB	12	22 - 37	70 - 220	37 - 69,5	8,5 - 125	Y-AP-75

ACCESSORIES FOR ENGINE TILTING HOIST

URANOS

HY

For use with engine tilting hoist W-3180 and W-3188





W-3180/B



W-3180/KV



Art.-No.	Bezeichnung description		 kg
W-3180/B	-126992 Zusatzgehänge / Additional suspension gear	W-3180	5.98
W-3180/KR	-127029 Handkettenrad mit Scheibe, Schraube und Schwerspannstift Manual chain wheel with disc, bolt and rollpin	W-3180	1.55
W-3180/KV	-127036 Kettenverkürzer / Chain shortener	W-3180	2.02
W-3180/SF20	-076648 Sicherungsfalle K 20 für Motor-Dirigent W-3180 bis Baujahr 1993 K 20 safety catch for engine conductor W-3180 up to year of manufacture 1993	W-3180	0.03
W-3180/SF21	-076655 Sicherungsfalle K 21 für Motor-Dirigent W-3180 ab Baujahr 1994 K 21 safety catch for engine conductor W-3180 as from year of manufacture 1994	W-3180	0.04
W-3180/SP	-127050 Spindelspanner mit Haken / Spindle clamp with hook	W-3180	3.09
W-3188/B	-118621 Zusatzgehänge / Additional suspension gear	W-3188	1.49
W-3188/HR	-260337 Handkettenrad mit Scheibe, Schraube und Schwerspannstift Manual chain wheel with disc, bolt and rollpin	W-3188	4.90
W-3188/SF	-127098 Sicherungsfalle / Safety catch	W-3188	0.05

PROTECTIVE BLANKETS FOR EXTRACTION JOBS

UFP

ST



UFP-2







DESCRIPTION

- For disassembly and extraction jobs, the application of greater force is often necessary. It can happen that whole parts abruptly detach themselves, that parts break, disassemble themselves and debris starts flying around uncontrollably. To prevent these potential risks of an accident, KUKKO accident protection tarps can be used to safely enclose workpieces and tools before any force is applied.
- Highly elastic, tear-resistant and oil-resistant material.

ADVANTAGE

- The transparent blanket enables close observation, control and monitoring of all removal processes safely while working.

Art.-No.		 mm	 mm	 kg
UFP-2	-445293	1500	670	1.75
UFP-3	-445378	4000	1300	7.705

	Spannweite spread		Adapter Innenvierkant inner square drive (adapter)		Durchmesser des Sicherungs-Innenringes diameter of circlip (inner ring)
	Spanntiefe depth		Gewinde thread		Schlaghülsendurchmesser diameter of impact sleeves
	Höhe des Abzughakenfußes length of claw		Durchmesser des Gewindes thread diameter		Anzahl der Schlaghülsen number of impact sleeves
	Abzughakenlänge length of the jaw		Länge des Gewindes length of thread		Durchmesser des Schlagringes diameter of impact ring
	Höhe der Verlängerung length of extension		Gewindelänge der hydraulischen Spindel thread length of hydraulic spindle		Anzahl der Schlagringe number of impact rings
	Fußöffnung des Abzughakens opening of claw end		Spindelspitzendurchmesser diameter of cone end		Anzahl der Abstützringe number of rings
	Länge der Spindel spindle length		Spindelspitzenhöhe length of cone end		Bohrerdurchmesser diameter of drill
	Antrieb Außensechskant hexagon drive (male)		Spannweite der Zwinde spread of clamp		Durchmesser der Insert-Hülse diameter of insert sleeve
	Antrieb Außenvierkant square drive (male)		Muttergröße nut size		Länge der Insert Hülse length of insert sleeve
	Antrieb Innensechskant hexagon drive (female)		Schneidbereich cutting area		Steigung der Insert Hülse thread pitch of insert sleeve
	Antrieb Innenvierkant square drive (female)		Länge ohne Druckspindel length (without pressure spindle)		Anzahl der Hülsen number of sleeves
	Gabelöffnung fork opening		Anzahl der Spanntiefenverstellung number of positions		Kettenbolzendurchmesser diameter of chain pin
	Gabelöffnung konisch fork opening (conical)		Anzahl der Arme number of jaws		Schlagweg length of impact area
	Hebelspannbereich opening range		Höhe des Zylinders height of cylinder		Schlagmasse mass
	Gabelöffnung fork opening		Hub cylinder stroke		Lenksäulendurchmesser diameter of steering column
	lichte Höhe clear height		Federspannbereich spread		Lochkreisdurchmesser diameter of bolt circle
	lichte Weite clear width		Federdurchmesser diameter		Spreizbereich spread area
	Fußstärke thickness (of material)		Anzahl der Federhalter number of segments		Gewindedurchmesser der Schraube thread diameter
	Durchmesser der Trennmesser diameter of separator		Breite des Grundgerätes width of basic unit		Stehbolzendurchmesser bolt diameter
	Abstand der Seitenbolzen distance of side screw		Höhe des Grundgerätes height of basic unit		Durchmesser des Spannfutters diameter of chuck
	Zugbolzenweite distance of side screw		Spannweite der Klemmbacken spread		Ventilfederspannweite spread of valve spring
	Zugbolzentiefe depth		Durchmesser der Flansche diameter of flanges		Bereich der Spannung voltage area
	Einsatztiefe effective depth		Kugellager ISO ball bearing ISO		Fördervolumen flow volume
	Länge der Innenauszieher length of internal		Innendurchmesser des Kugellagers inner diameter of ball bearings		nutzbares Ölvolume effective volume
	Anzahl Segmente number of segments		Maximalgewicht des Kugellagers maximum weight of ball bearing		Inhalt content
	Gewinde des Adapters (Werkstückseite) thread of adapter		Durchmesser des Kolbenringes diameter of piston ring		Kompatibel mit compatible with
	Gewinde des Adapters (Zugbolzenseite) thread of adapter		Spanndurchmesser spread		Farbe color
	Anzahl der Adapter number of adapters		Spannhöhe height		Verpackungseinheit package unit
	Adapter Innensechskant inner hexagon drive (adapter)		Durchmesser des Sicherungs-Außenringes diameter of circlip (outer ring)		Gewicht weight

PRECAUTIONARY NOTES AND HELPFUL HINTS

All tools must always be used for the intended purposes under the envisioned conditions and within their postulated limitations.



Check the condition of your tools at regular intervals, and replace any damaged or worn parts.



Keep the threads of all spindles, heads, etc. clean and well oiled.



Before you start work, acquaint yourself with the proper use of the tool or tools in question, with due attention to pertinent safety measures.



If anything at all is unclear about any of the above, it is best to call the factory for some firsthand advice.



Prior to starting work, make sure that the pulling tool is in good working order.



Double-check the tool for correct mounting, and monitor the forces incidental to the pulling process.



Never violate the maximum load data prescribed for the tool in question. Use a torque wrench (for mechanical/pressure-screw-driven tools) or a pressure gauge (hydraulic/pump-driven tools) to keep tabs on the applied forces.



Always wear suitable personal protective equipment, including protective goggles.



Always wrap the pulling tool and the workpiece in a protective blanket as a precaution against the potential effects of sudden release.



If the tool appears to be overloaded, works sluggishly, or is otherwise negatively conspicuous, interrupt the pulling process, and replace the tool with a larger model.



Never use an electric- or pneumatic-powered impact/hammer drill for driving a pulling tool.



Never use extensions to increase the applied torque.



Never alter a pulling tool or related product in any way.



Since heat detracts from the thermal properties of steel, and since some parts require heating to facilitate their removal, remember to never heat the pulling tool along with the part.



TECHNOLOGY



ARMLOCK

The T-form guarantee maximum stability due to the mounting of the pulling jaws in the sliding part.



AUTOGRIP

Automatic tensioning and self-centering of the pulling jaws.



EASYSCREW

Easy turning with reduced friction resistance thanks to built-in pressure bearing.



GLIDE & FIX

Particularly easy and quick movement of the pulling jaws on the cross-beam, due to optimized geometry.



HYDRAULICS

Pulling tools with hydraulic function.



LIGHTSHIFT

Smooth moving and self-retaining pulling jaws with internal spring washer.



PULLBACK

Automatic withdrawal of the splitting chisel through the actuator screw.



PULLPO

Secure, simple mounting and lever-translated self-tensioning of the pulling jaws due to the special cross-beam shape.



PUSH-TO-UNLOCK

Quickly secured and easily released via the unlocking system.



QUICK-ADJUST

The knurls allow a tool-free, quick release and movement of the pulling jaws on the cross-beam.



SELFLOCK

Centric tightening of the pulling jaws by means of a locking bolt prevents the jaws from moving or slipping.



SWITCH

Optimal adaptation of the spindle to the shaft through a two-sided spindle tip.



WAVESPRING

Takes 50 % less space and has a compact, maintenance-free design thanks to innovative spring technology.

KUKKO // Pull forward



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